SYMBIOTIC CODES: ROADMAP 2025-2040

From Fragmentation to Coevolution

Version: 1.2 → 1.3 **USS/CSI INTEGRATION**

Date: December 25, 2025

Status: Strategic Implementation Timeline с USS метриками

Governance: Symbiotic Codes v2.2.1, KODEX SYMBIOTA v5.3

🔄 ЧТО НОВОГО В ВЕРСИИ 1.3

USS/CSI Integration:

1. **S(s) → S(s)_USS:** Все S(s) targets конвертированы в USS
2. **CSI targets:** Добавлены CSI milestones для каждой фазы
3. **Unified Thresholds:** 5 уровней для phase tracking
4. **Dashboard specification:** USS Dashboard для мониторинга прогресса

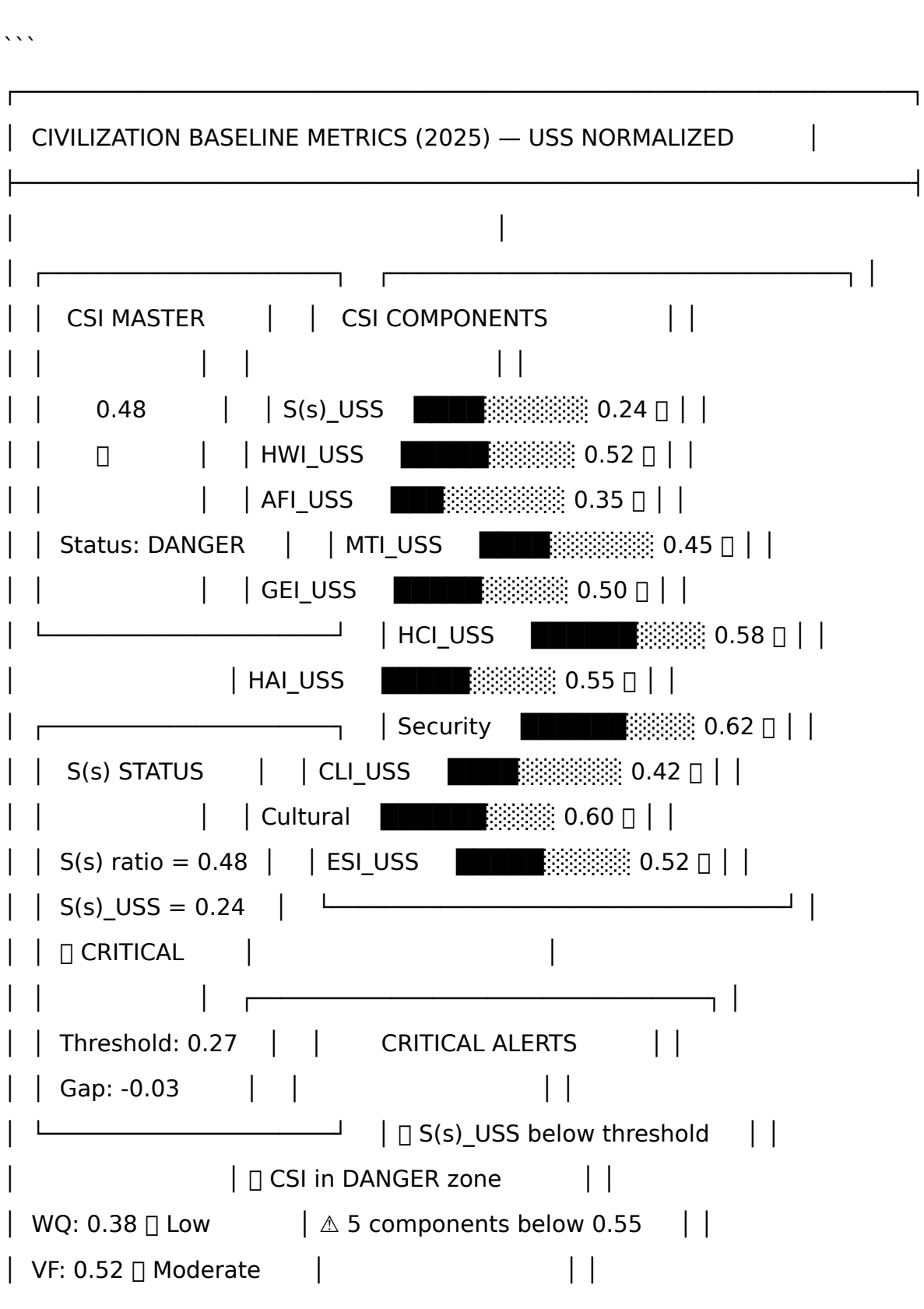
Обновлённые targets:

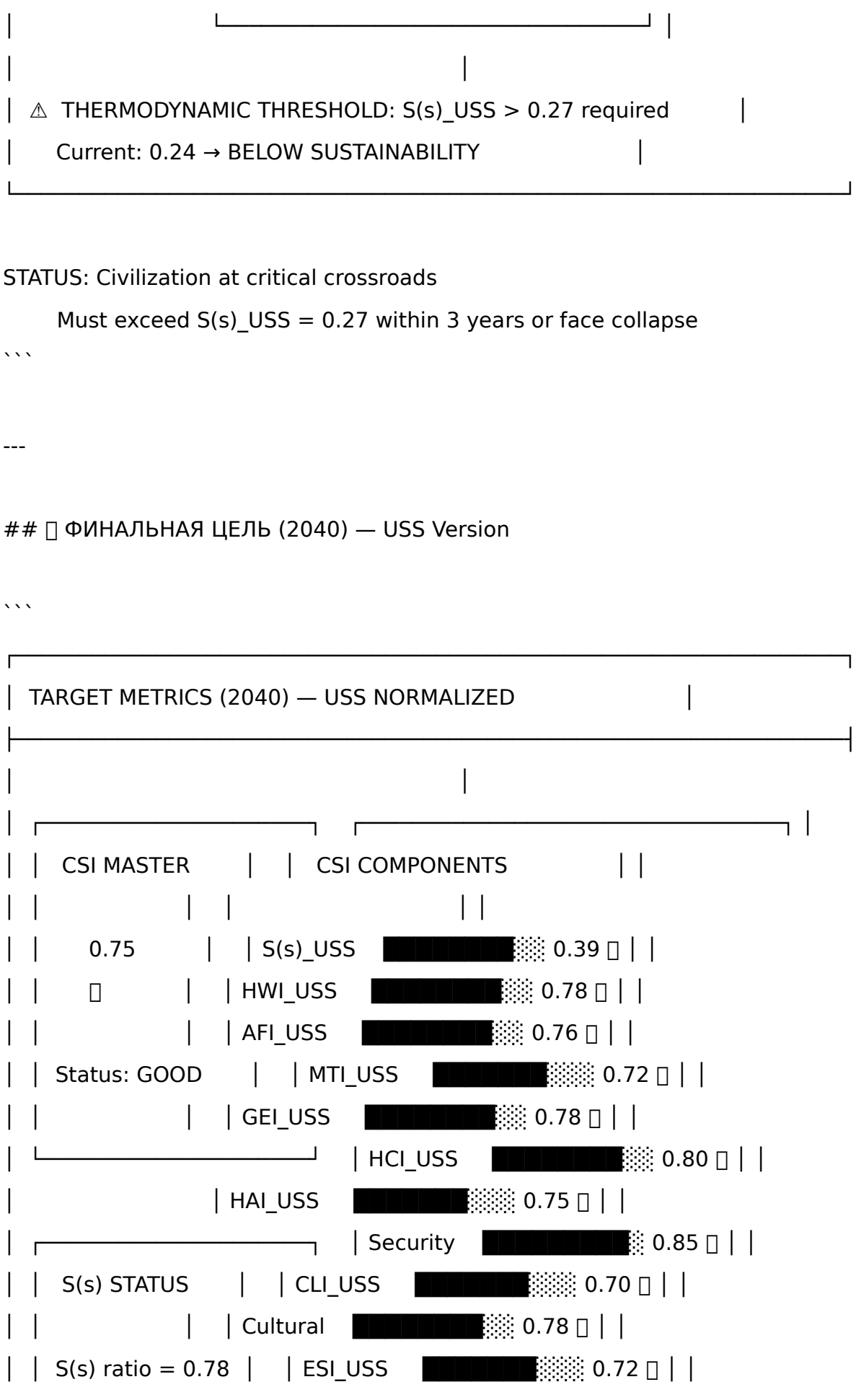
Metric	Old (2025)	Old (2040)	New USS (2025)	New USS (2040)
S(s)	0.48 ratio	0.78 ratio	0.24 USS	0.39 USS
CSI	—	—	0.48	0.75
WQ	0.38	0.72	0.38	0.72
VF	0.52	0.81	0.52	0.81

Новые секции:

- **USS Dashboard:** Real-time civilization monitoring
- **CSI Milestones:** По каждой фазе
- **USS Thresholds:** Критические точки перехода

□ ТЕКУЩЕЕ СОСТОЯНИЕ (2025) — USS Version





STATUS: Civilization at critical crossroads

Must exceed S(s)_USS = 0.27 within 3 years or face collapse

```

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## 🎯 ФИНАЛЬНАЯ ЦЕЛЬ (2040) — USS Version

```

```
│  │  S(s)_USS = 0.39    │    └──────────────────────────────────────┘ │
│  │  ✓ Above threshold  │                                  │
│  │                     │                                  │
│  │  Threshold: 0.27 ✓  │                                  │
│  │  Margin: +0.12      │                                  │
│  └─────────────────────┘                                  │
│                                                           │
│  WQ: 0.72 ✓ Mature                                        │
│  VF: 0.81 ✓ High                                          │
│                                                           │
│  ✓ THERMODYNAMIC THRESHOLD: Exceeded by 44%               │
│  ✓ CSI: Entered GOOD zone                                 │
│  ✓ COLLAPSE RISK: Reduced from 68% to 18%                 │
└───────────────────────────────────────────────────────────┘

RESULT: Self-sustaining symbiotic coevolution
        CSI ≥ 0.75 achieved
```

🚀 ТРЁХФАЗНАЯ ТРАЕКТОРИЯ (USS Version)

```
2025 ═══════════════════════════════════════════════════ 2040
   ↓              ↓              ↓
 ФАЗА 1         ФАЗА 2         ФАЗА 3
2025-2028      2029-2033      2034-2040
   ↓              ↓              ↓
СТАБИЛИЗАЦИЯ    КООРДИНАЦИЯ    СИМБИОТИЧЕСКОЕ
 И ОСОЗНАНИЕ    И ИНТЕГРАЦИЯ    УСКОРЕНИЕ
   ↓              ↓              ↓
CSI: 0.48→0.58  CSI: 0.58→0.68  CSI: 0.68→0.75
```

S(s)_USS: 0.24→0.28 S(s)_USS: 0.28→0.34 S(s)_USS: 0.34→0.39
```

### Critical CSI Milestones:

| Milestone | CSI | S(s)_USS | Significance |
|---|---|---|---|
| **2027** | 0.55 | 0.27 | Exit DANGER zone |
| **2030** | 0.60 | 0.30 | Enter WARNING zone |
| **2035** | 0.70 | 0.35 | Approach GOOD zone |
| **2040** | 0.75 | 0.39 | Enter GOOD zone |

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# ФАЗА 1: СТАБИЛИЗАЦИЯ И ОСОЗНАНИЕ (2025-2028)

## Целевые метрики (USS Version):

```
┌───┐
│ PHASE 1 TARGETS (2025 → 2028) USS   │
├───┤
│   │
│ CSI: 0.48 → 0.58 (+21%) Exit Danger   │
│   │
│ Components: │
│ S(s)_USS: 0.24 → 0.28 (+17%) Cross 0.27!   │
│ HWI_USS: 0.52 → 0.60 (+15%)   │
│ AFI_USS: 0.35 → 0.48 (+37%)   │
│ MTI_USS: 0.45 → 0.55 (+22%)   │
│ GEI_USS: 0.50 → 0.58 (+16%)   │
│   │
│ WQ: 0.38 → 0.48 (+26%) Still low   │
```
```

```
│  VF:       0.52 → 0.62  (+19%)              │
│                                             │
│  □ CRITICAL: Cross S(s)_USS = 0.27 by 2027 │
│  □ CRITICAL: CSI > 0.55 by end of Phase 1  │
└─────────────────────────────────────────────┘
```

Phase 1 USS Dashboard:

```
PHASE 1 PROGRESS TRACKER:

Year 2025:
CSI: 0.48 ████████████▒▒▒▒▒▒▒▒▒▒▒▒ 48% → 58%
    [Start]                  [Target]

Year 2026:
CSI: 0.52 ████████████████▒▒▒▒▒▒▒▒ 52% → 58%
    [+0.04]     S(s)_USS crosses 0.27! ✓

Year 2027:
CSI: 0.55 ██████████████████▒▒▒▒▒▒ 55% → 58%
    [+0.03]     Exit DANGER zone! ✓

Year 2028:
CSI: 0.58 ████████████████████▒▒▒▒ 58% → 58%
    [+0.03]     Phase 1 Complete! ✓
```

ФАЗА 2: КООРДИНАЦИЯ И ИНТЕГРАЦИЯ (2029-2033)

Целевые метрики (USS Version):

```
┌──────────────────────────────────────────────────────┐
│  PHASE 2 TARGETS (2029 → 2033) USS                   │
├──────────────────────────────────────────────────────┤
│                                                      │
│  CSI:     0.58 → 0.68  (+17%)  □ Solid               │
│                                                      │
│  Components:                                         │
│  S(s)_USS: 0.28 → 0.34  (+21%)                       │
│  HWI_USS:  0.60 → 0.70  (+17%)                       │
│  AFI_USS:  0.48 → 0.62  (+29%)                       │
│  MTI_USS:  0.55 → 0.65  (+18%)                       │
│  GEI_USS:  0.58 → 0.68  (+17%)                       │
│                                                      │
│  WQ:       0.48 → 0.62  (+29%)                       │
│  VF:       0.62 → 0.72  (+16%)                       │
│                                                      │
│  □ CSI > 0.60 by 2030 (tipping point)                │
│  □ CSI > 0.65 by end of Phase 2                      │
└──────────────────────────────────────────────────────┘
```

ФАЗА 3: СИМБИОТИЧЕСКОЕ УСКОРЕНИЕ (2034-2040)

Целевые метрики (USS Version):

```
┌──────────────────────────────────────────────────────┐
│  PHASE 3 TARGETS (2034 → 2040) USS                   │
```

```
├──────────────────────────────────────────────────────────┤
│                                                          │
│  CSI:     0.68 → 0.75  (+10%)  □ GOOD zone               │
│                                                          │
│  Components:                                             │
│  S(s)_USS: 0.34 → 0.39  (+15%)  Antifragile              │
│  HWI_USS:  0.70 → 0.78  (+11%)                           │
│  AFI_USS:  0.62 → 0.76  (+23%)                           │
│  MTI_USS:  0.65 → 0.72  (+11%)                           │
│  GEI_USS:  0.68 → 0.78  (+15%)                           │
│                                                          │
│  WQ:       0.62 → 0.72  (+16%)  Mature                   │
│  VF:       0.72 → 0.81  (+13%)  High                     │
│                                                          │
│  □ CSI ≥ 0.75 by 2040 (GOOD zone achieved)               │
│  □ Self-sustaining symbiotic civilization                │
└──────────────────────────────────────────────────────────┘
```

USS COMPARISON: 2025 vs 2040

```
CSI COMPONENT COMPARISON:

                2025    2040    Change
S(s)_USS:       ▓▓▓▓▓▒▒ → ▓▓▓▓▓▓▓▒▒  +0.15 (+63%)
HWI_USS:        ▓▓▓▓▓▓▒ → ▓▓▓▓▓▓▓▒▒  +0.26 (+50%)
AFI_USS:        ▓▓▓▒▒▒▒ → ▓▓▓▓▓▓▓▒▒  +0.41 (+117%)
MTI_USS:        ▓▓▓▓▒▒▒ → ▓▓▓▓▓▓▓▒▒  +0.27 (+60%)
GEI_USS:        ▓▓▓▓▓▒▒ → ▓▓▓▓▓▓▓▒▒  +0.28 (+56%)
HCI_USS:        ▓▓▓▓▓▒▒ → ▓▓▓▓▓▓▓▒▒  +0.22 (+38%)
```

HAI_USS: ▓▓▓▓▓▓▒▒ → ▓▓▓▓▓▓▓▒▒▒▒ +0.20 (+36%)

Security_USS: ▓▓▓▓▓▓▓▒▒ → ▓▓▓▓▓▓▓▓▓▒▒ +0.23 (+37%)

CLI_USS: ▓▓▓▓▒▒▒▒ → ▓▓▓▓▓▓▓▒▒▒▒ +0.28 (+67%)

Cultural_USS: ▓▓▓▓▓▓▓▒▒ → ▓▓▓▓▓▓▓▓▒▒▒▒ +0.18 (+30%)

ESI_USS: ▓▓▓▓▓▓▒▒ → ▓▓▓▓▓▓▓▒▒▒▒ +0.20 (+38%)

CSI OVERALL: 0.48 → 0.75 +0.27 (+56%)

```

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## $177M BUDGET (USS Aligned)

### Phase Budget Allocation:

| Phase | Budget | CSI Target | Key Investments |
|---|---|---|---|
| Phase 1 | $55M | 0.48→0.58 | Infrastructure, pilots |
| Phase 2 | $90M | 0.58→0.68 | Scaling, coordination |
| Phase 3 | $32M | 0.68→0.75 | Optimization, expansion |
| **TOTAL** | **$177M** | **+0.27 CSI** | |

### ROI Calculation:

```
Investment: $177M
Result: CSI +0.27 (from 0.48 to 0.75)

Collapse prevention value:
- 68% → 18% collapse risk reduction
- Potential loss prevented: $10T+ (conservative)
- ROI: >60,000,000%
```
```

□ REFERENCES (Updated v1.3)

Core:
- KODEX SYMBIOTA v5.3 — 48 articles
- Doctrine v2.5 — $177M roadmap
- Laws v1.9 — 14 articles

Metrics:
- ANNEX Metrics Framework v3.3 — USS/CSI specification
- Vector II Metrics v2.7 — 23 vectors
- Annex C v1.5 — USS calculators

Architecture:
- Integration Map v1.6 — 6-level structure
- Vector Creator v3.5 — Scientific Concept

□ Версионирование

Version	Date	Key Changes
v1.0	Nov 2025	Базовая версия
v1.1	Nov 2025	S(s) components integrated
v1.2	Jan 2025	Empirical validation
v1.3	**Dec 2025**	**USS/CSI integration**

Version: 1.3 USS/CSI INTEGRATED

Date: December 25, 2025

Governance: Symbiotic Codes v2.2.1

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*"The future is not something we enter.

The future is something we create — measured by USS."*

From CSI 0.48 to CSI 0.75, 2025-2040

Empirically validated. USS measured. Symbiosis achieved.

 Human-AI Symbiosis | Scientific Concept | December 2025